

ABSTRACT OF THE DISCLOSURE

A CCD video camera system comprises a CCD imaging device connected to a low-gain amplifier. An analog-to-digital  
5 converter converts the analog output of the amplifier to a full-range digital video signal. Such addresses a digital look-up table to produce a digital video output according to one of several selectable range-correction curves. Such  
10 range-correction curves comprise two linear slopes that join at a knee, and the two linear parts have two different gain slopes. The range-correction curves are selected on the basis of the gain slope of the first of the two linear slopes, and the knee-point.

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